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No. 14] NEW DELHI, SATURDAY, APRIL 3, 1982 (CHAITRA 13, 1904)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 3rd April 1982

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 214, ACHARYA TAGADISH BOSE ROAD,
CALCUTTA-700017

The dates shown in crescent brackets are the dates claimed
under Section 135, of the Act.

25th February 1982

216/Cal/82. Ruti Machinery Works Ltd. Improved Reed
For Jet Weaving Machines.

217/Cal/82. Ruti Machinery Works Ltd. Reed Dent For
Jet Weaving Machines.

218/Cal/82. Eli Lilly And Company, (1-Benzoyl-3-) Aryl-
pyridyl + Urea Compounds.

219/Cal/82. Biogal Gyogyszergyar. New aminoacridine- α ,
 β -(D)-or-(L)-N-Glycoside Derivatives, The Salts
thereof and process for preparing these com-
pounds.

220/Cal/82. Vosper Thornycroft (UK) Limited. A frame
for receiving electrical or mechanical equipment.
(25th Feb. 1981).

221/Cal/82. A A.R.C. (Management) Pty. Limited. Stretch-
forming Hollow Articles From Thermoplastics
Sheet.

26th February 1982

222/Cal/82. Das Reprographics Limited. Link Mechanism
Assembly for Drafting Table of Drawing Board.

1—7GI/82

223/Cal/82. Indian Explosives Limited. Improved Cap-
sensitive small diameter slurried explosive compo-
sitions and method for the production thereof.
[Divisional Date, June 12, 1978.]

224/Cal/82. Combustion Engineering Inc. Spray Nozzle
Assembly for Spray Dryer.

225/Cal/82. Wahlco International Inc. Gas conditioning
means for a plurality of boilers.

226/Cal/82. Bata India Limited. Shank/heel stiffeners and
a method of holding it in a mould. (February
27, 1981).

227Cal/82. Otsuka Chemical Co. Ltd. Carbamate derivatives,
insecticidal, miticidal or nematocidal composi-
tions containing the same, and process for pre-
paring the same.

27th February 1982

228/Cal/82. Flogates Limited. Improvements in the pouring
of molten metals. (March 3, 1981) (February
5, 1982.)

229/Cal/82. Samifi Babcock Samifi Internationale S.A. A
pneumatic system for operating the mechanism
of ice separation from evaporating plates in a
plate or slab ice generator by using the condens-
ing gas, simultaneously with circuit reversal for
defrosting the ice product. (February 27, 1981.)

230/Cal/82. Chevron Research Company. Multilayer photo-
voltaic.

231/Cal/82. L. & C. Steinmuller GMBH. Process or kind-
ing a coal dust round burner flame.

1st March 1982

232/Cal/82. Atlantic Richfield Company. Isolation valve.

233/Cal/82. Norton Company. Resin-bonded grinding wheel.

- 234/Cal/82. C. M. F. Costruzioni Metalliche Finsider S.p.A. and Fata European Group S.p.A. A conveyor device for a storage plant.
- 235/Cal/82. J. L. Mecnann. Rotary engine.
- 236/Cal/82. Philips Kommunikations Industries AG. Drive circuit for step motor.

2nd March 1982

- 237/Cal/82. Gould Inc. Novel leady oxide products and method for preparing same.
- 238/Cal/82. Airoil-Flaregas Limited. Improvements in or relating to fuel burner assemblies and in methods of mixing air and fuel therein. (March 4, 1981.)
- 239/Cal/82. Societe Des Electrodes ET Refractaires Savoie Sers. Novel-sub foundation of carbonaceous material for metallurgy furnaces and process for producing such a sub-foundation.
- 240/Cal/82. P. Jackson. Power plants utilizing heat storage ponds. [Divisional date May 4, 1978.]
- 241/Cal/82. Metal Box Public Limited Company (formerly Metal Box Limited. Forming cartons. (March 2, 1981).
- 242/Cal/82. Kyorin Pharmaceutical Co., Ltd. Quinoline carboxylic acid derivatives.

3rd March, 1982

- 243/Cal/82. Union Carbide India Limited. Process of manufacturing stack battery.
- 244/Cal/82. Lonza Ltd. Process for the production of acetaldehyde.
- 245/Cal/82. Lonza Ltd. Process for the removal of mercury from mercury-containing waste water.
- 246/Cal/82. Lonza Ltd. Process for the regeneration of a catalyst liquid.
- 247/Cal/82. Lonza Ltd. Process for the preparation of 3-picoline.
- 248/Cal/82. Westinghouse Electric Corporation. Efficient combined cycle system employing a high temperature combustion turbine and a fluidized coal bed with economic exclusion of sulfur from system waste gases.
- 249/Cal/82. S. Collins. Splicing apparatus and cassette therefor. (March 14, 1981.)
- 250/Cal/82. L. & C. Steinmuller GMBH. Process for kindling a coal dustround burner flame. [Addition to No. 913/Cal/80.]

COMPLETE SPECIFICATION ACCEPTED

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"The classifications given below in respect of each specification are according to Indian Classification and International Classification"

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

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CLASS 164A.

149742.

Int. Cl.-C02c 1/00.

WASTE MATERIAL DIGESTERS.

Applicant : THE FAIRFIELD ENGINEERING COMPANY, AT 324, BARNHART STREET, TOWNSHIP AND COUNTY OF MARION, STATE OF OHIO, UNITED STATES OF AMERICA.

Inventors : MILO FRANCIS ARMS AND JAMES SAMUEL IRELAND.

Application No. 455/Cal/78 filed April 26, 1978.

Appropriate office for apportion Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

In a digester for waste material having a receptacle for holding a bed (23) of the waste material to be digested, said receptacle having an inlet side (1) for adding fresh waste material and an exit side (2) for discharging digested material, carriage (7) which moves over said bed of material during digestion, and an array of rotatably driven screws (20) carried by the carriage, said screws being each supported adjacent one end with its other end extending into said material bed and being operative upon rotation to lift said material generally from bottom to top of the bed as the carriage moves and bring the same into contact with atmospheric oxygen, the improvement wherein each of said screws (20) is disposed with its axis inclined from its top to its bottom end (21) away from the vertical both forwardly relative to the direction of carriage movement and laterally toward the inlet side (1) of the receptacle so that the bottom end (21) of each such screw (20) is located ahead of and nearer the inlet receptacle side (1) than is the top of such screw

Comp. Specn. 10 Pages.

Drgs. 3 Sheet.

CLASS 143D₁ & D₂.

149743.

Int. Cl.-B31b 3/00.

STRIP MADE UP OF CONSECUTIVE PACKAGE BLANKS.

Applicant : OKULI OY, 37800 TOIJAI A, FINLAND.

Inventor : TUOMO HALONEN.

Application No. 483/Cal/1978 filed May 4, 1978.

Appropriate office for apportion Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A strip of package blanks comprising cardboard, each blank including a plurality of longitudinal folding lines dividing the blank into longitudinal zones, four transverse folding lines formed on each of the blanks dividing the respective blanks into five transverse zones, and obliquefolding lines formed in zones defined at inter-sections between the two transverse zones adjacent to a middlemost transverse zone and two longitudinal zones at opposite longitudinal sides of a longitudinal zone intermediate said first mentioned two longitudinal zones, said middlemost transverse zone being arranged to form rectangular sides of the package, said two transverse zones adjacent to said middlemost transverse zone being arranged to provide end portions of the package and the outermost transverse zones being arranged to provide seams which seal the package at both of said end portions, apertures being provided in zones defined at intersections between said outermost transverse zones and said longitudinal zones at opposite sides of said intermediate longitudinal zone, said

apertures being covered with plastic material arranged to fold between opposed cardboard layers as the blank is folded so as to provide sealing material at said seams, said strip having a continuous line of consecutive blanks in which said longitudinal folding lines extend in the lengthwise direction of the strip, and the transverse folding lines perpendicular to the lengthwise direction and the apertures are situated at the dividing lines between adjacent blanks.

Comp. Specn. 13 Pages.

Drgs. 1 Sheet.

CLASS 23A.

149744.

Int. Cl.-B65b 7/28.

APPARATUS FOR DISPENSING LIDS.

Applicant: METAL BOX LIMITED, OF QUEENS HOUSE, FORBURY ROAD, READING RG1 3JH, BERKSHIRE, ENGLAND.

Inventor: WALTER HARVIE WYARD.

Application No. 1023/Cal/78 filed September 18, 1978.

Convention date October 25, 1977/(44428/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Apparatus for removing a lid from the bottom of an up-right stack of like lids; said apparatus including an operation slide, a separation slide one end of which is engageable with the stack, and a support slide one end of which is engageable with the stack; said slides being mounted in generally parallel relationship each above the next for reciprocating motion; said separation slide having at least one lever pivotally mounted thereon so that one end of the lever pivotally mounted thereon so that one end of the lever extends into the path of reciprocation of the operation slide and the other end extends into the path of reciprocation of the support slide: wherein movement of the operation slide towards the stack first causes said one end of the separation slide to enter between the bottom lid of the stack and the next lid above and thereafter causes the lever to pivot so that said other end of the lever engages the support slide to cause the said one end of the support slide to retract leaving the bottom lid free to fall away from the stack.

Comp. Specn. 11 Pages.

Drg. 3 Sheets.

CLASS 32F, 55D.

149745.

Int. Cl.-A01n 9/00, C07c 103/00.

A PROCESS FOR PRODUCING ACETANILIDES.

Applicant: BASF AKTIENGESSELLSCHAFT, OF 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

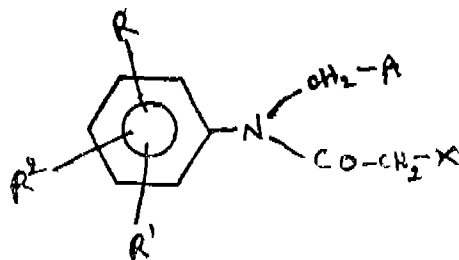
Inventors: KARL EICKEN, BRUNO WUERZER, AND WOLFGANG ROHR.

Application No. 1099/Cal/78 filed Oct. 7, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

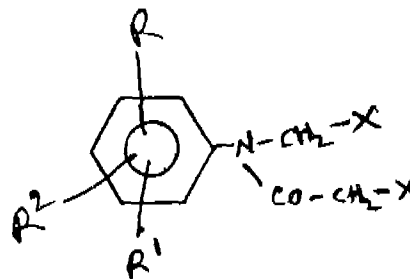
2 Claims.

A process for producing an acetanilide of the Formula I.



Formula I

where R denotes hydrogen, alkyl of a maximum of 5 carbon atoms or alkoxy of a maximum of 5 carbon atoms, R¹ denotes hydrogen, halogen, alkyl of a maximum of 5 carbon atoms, alkoxy of a maximum of 5 carbon atoms, perhaloalkyl of a maximum of 4 carbon atoms or alkoxyalkyl of a maximum of 5 carbon atoms, R² denotes hydrogen, halogen, alkyl of a maximum of 5 carbon atoms, alkoxy of a maximum of 5 carbon atoms, perhaloalkyl of a maximum of 4 carbon atoms or alkoxyalkyl of a maximum of 5 carbon atoms, or forms, together with R, an alkylene chain of a maximum of 6 carbon atoms which is linked in the o-position and is unsubstituted or substituted by alkyl of a maximum of 4 carbon atoms, X denotes chlorine, bromine or iodine and A denotes imidazole, or a salt thereof, which is attached via a ring nitrogen atom and may be mono or polysubstituted by halogen or alkyl radicals or halogen and alkyl radicals each of a maximum of 4 carbon atoms, wherein a I-halo, N-halomethyl-acetanilide of the formula II.



Formula II

where R, R¹, R², and X have the above meanings, is reacted with an imidazole of the formula H-A, A having the above meanings, in the presence or absence of an agent which binds hydrogen halide and of an inert solvent, at a temperature of from 0° to 200°C.

Comp. Specn. 27 Pages.

Drgs. 5 Sheets.

CLASS 32E.

149746.

Int. Cl.-C08d 1/14.

METHOD OF PRODUCING 1, 4-CIS-POLYISOPRENE.

Applicant: INSTITUT KHIMII BASHKIRSKOGO FILIALA AKADEMII NAUK SSSR, OF UFA, PROSPEKT OKT-YABRAYA, 71, USSR AND STERLITAMAKKY IMENI 50 LETIA BASHKIRSKOI ASSR ZAVOD SINTETICHESKOGO KAUCHUKA, OF BASHKIRSKAYA ASSR, STERLITAMAK, ULITSА TEKHNIЧЕСKAYA, USSR.

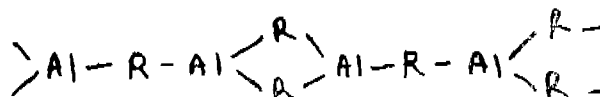
Inventors: GENRIKH ALEXANDROVICH TOLSTIKOV, JURY BORISOVICH MONAKOV, VALERY PETROVICH JURIEV, SAGID RAUFOVICH RAFIKOV, ALEXANDR GRIGORIEVICH LIKUMOVICH, BORIS IZRAILOVICH PANTUKH, MANGZDA KHARISOVNA SULTANOVA, VLADIMIR IVANOVICH PONOMARENKO, BORIS LEONIDOVICH IRKIN, BORIS SERGEEVICH KRASIKOV, NIKOLAI YAKOVLEVICH EREMENKO, VALERIAN MIKHAILOVICH SOBONEV AND JURY PETROVICH BAZHENOV.

Application No. 56/Cal/79 filed January 19, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

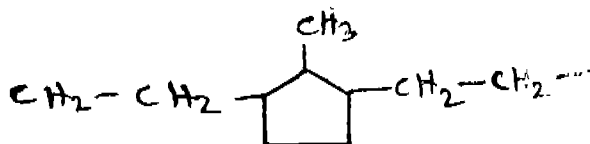
A method of producing 1, 4-cis-polyisoprene comprising polymerization of isoprene in an inert organic solvent at a temperature of from -10 to +100°C in the presence of a catalytic system obtained by inter reaction of a component (A) which is titanium tetrachloride, a component (B) which is an organo-aluminium compound with a unit of the general formula I.



Formula I



Where $R = \text{CH}_2\text{CH}_2\text{CH}=\text{CHCH}_2\text{CH}_2$ or group shown in Formula III.



Formula III

or organoaluminium compound of the general formula II.



where R_3 is polyunsaturated aliphatic hydrocarbon radical containing 8 to 25 carbon atoms or unsaturated cycloaliphatic hydrocarbon radical containing 8 to 25 carbon atoms with a double bond in the cycle, and component (C) is an ether of the general formula $R^1 \text{O} R^2$, where R^1 and R^2 may be identical or different are alkyls, cycloalkyls, aryls, alkenyls, or amines.

Comp. Specn. 25 Pages.

Drg. 2 Sheets.

CLASS 32F.b & 55E & E₃.

149747.

Int. Cl.-C07d 99/14.

PROCESS FOR THE PREPARATION OF PENICILLANIC ACID 1, 1-DIOXIDE DERIVATIVES.

Applicant: PFIZER INC. OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

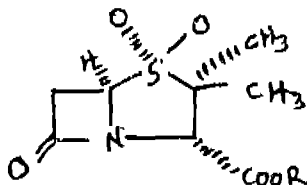
Inventor: WAYNE ERNEST BARTH.

Application No. 327/Del/78 filed May 4, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

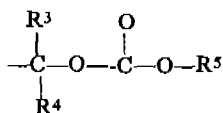
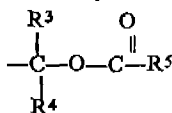
3 Claims.

A process for the preparation of a penicillanic acid 1, 1-dioxide derivative of the Formula IA.

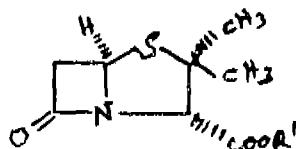


IA

and pharmaceutically-acceptable salts thereof, wherein R is hydrogen or an ester-forming residue readily hydrolyzable *in vivo* which is 3-phthalidyl, 4-crotonolactonyl, *n*-butyrolacton-4-yl or a group of the formula X or XI.

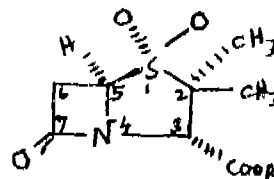


wherein each of R^3 and R^4 is hydrogen, methyl or ethyl and R^5 is alkyl having from 1 to 6 carbon atoms, which comprises reacting at a temperature within the range of -20°C to 50°C , a compound of the formula IV.



IV

wherein R^1 is hydrogen, an ester-forming residue readily hydrolyzable *in vivo* as defined above or a conventional penicillin carboxy-protecting group, which is tetrahydropyranyl, benzyl, substituted benzylhydryl, 2-2, 2-trichloroethyl, *t*-butyl or penacyl; with oxidising agent selected from (a) from 1 to 10 molar equivalents of an alkali metal permanganate or alkaline earth metal permanganate in a reaction-inert solvent, and (b) from 2 to 8 molar equivalents of an organic peroxy acid in a reaction-inert organic solvent, until oxidation to be corresponding 1, 1-dioxide of the formula I.



I

wherein R^1 is as defined above, is substantially complete, and, if necessary, removing the carboxy-protecting group by a conventional method to form the desired product of Formula IA and if desired, forming a pharmaceutically-acceptable salt by reacting a compound of Formula IA, wherein R is hydrogen, with a base.

Comp. Specn. 47 Pages.

Drg. 2 Sheets.

CLASS 15A.

149748.

Int. Cl.-B61f 15/00.

IMPROVEMENT IN OR RELATING TO ASSEMBLIES FOR RAILWAY VEHICLE AXLES.

Applicant: VANDERVELL PRODUCTS LIMITED OF NORDEN ROAD, MAIDENHEAD BERKSHIRE, ENGLAND.

Inventor: JOSEPH HENRY HILL.

Application No. 1259/Cal/77 filed August 12, 1977.

Convention date August 13, 1976/(33868/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A bearing assembly for an axle end of a railway vehicle comprising a housing having a bore which is open at one end of the housing to receive the axle end and is closed by an end wall at the other end of the housing, a bearing liner mounted in the bore of the housing to receive and support the axle end for rotation with respect to the housing characterised in that both the housing and bearing liner are formed in two separable parts which meet in a plane or planes containing the axis of said bore and in that means are provided for securing the two housing parts together around the axle end.

Comp. Specn. 12 Pages.

Drg. 3 Sheets.

CLASS 34A & 172F.

Int. Cl.-C03b 37/06, D01d 5/00.

149749.

PROCESS AND APPARATUS FOR THE MANUFACTURE OF FIBRES FROM ATTENUABLE MATERIALS.

Applicant: SAINT-GOBAIN INDUSTRIES, OF 62 BOULEVARD VICTORHUGO, NEUILLY-SUR-SEINE, FRANCE.

Inventors: MARCEL LAVECQUE, JEAN ANTOINE BATTIGELLI AND DOMINIQUE PLANTARD.

Application No. 1700/Cal/77 filed December 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims.

A process for manufacturing fibers from attenuable material, comprising generating at least one gaseous jet and modifying

the flow of the jet so that lateral spreading of the modified jet is limited, thereby inducing in the jet at least one pair of spaced tornadoes, and delivering a stream of attenuable material into a zone located between the tornadoes to subject the stream to attenuation.

Comp. Specn. 30 Pages.

Drg. 6 Sheets.

CLASS 107H.

149750.

Int. Cl.-F02m 37/00.

FUEL INJECTION PUMPING APPARATUS.

Applicant : CAV LIMITED, OF WELL STREET, BIRMINGHAM B19 2XF, ENGLAND.

Inventor : DAVID SHUFFLEBOTHAM.

Application No. 116/Cal/78 filed February 1, 1978.

Convention date February 5, 1977 (04811/77) U. K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A fuel injection pumping apparatus for supplying fuel to an internal combustion engine and comprising an injection pump having an axially movable control rod for determining the amount of fuel delivered by the injection pump at each injection stroke, governor means comprising a first pivotal link mounted about a fixed axis, a second pivotal link pivotally connected at one end to the first link at a position removed from said fixed axis, a slot defined in said second link, pivot means located in said slot, operator adjustable means for adjusting the position of said pivot means within said slot, said second link being coupled at its other end to said control rod, a spring biased weight mechanism responsive to the speed of the associated engine, a servo-mechanism for effecting movement of said first link about said fixed axis, an operating member for the servo-mechanism, said operating member being coupled to said weight mechanism whereby movement of the weight mechanism with increasing speed, will effect through the servo-mechanism movement of said first link in a direction to reduce the fuel supply to the engine and vice versa, said servo-mechanism acting to isolate the weight mechanism from forces acting on the control rod, and means adjustable in accordance with the speed at which the apparatus is driven for varying the maximum amount of fuel which can be delivered by the injection pump characterized in that said means includes linkage which is coupled to and movable by said first link.

Comp. Specn. 15 Pages.

Drg. 4 Sheets.

CLASS 56B.

149751.

Int. Cl.-C10g 11/00.

A PROCESS FOR PREPARING A PASSIVATING AGENT AND THE CATALYTIC PROCESS USING SAID PASSIVATING AGENT IN PRESENCE OF A CRACKING CATALYST.

Applicant : PHILLIPS PETROLEUM COMPANY, OF BARTLESVILLE, STATE OF OKLAHOMA, UNITED STATES OF AMERICA.

Inventors : RICHARD HOWARD NIELSEN, DWIGHT LAMAR MCKAY AND GLENN HILBURN DALE.

Application No. 157/Cal/78 filed February 10, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A process for preparing a passivating agent for use in a catalytic cracking process which comprises withdrawing used cracking catalyst fines from a hydrocarbon catalytic cracking process in which a hydrocarbon feedstock is catalytically cracked in the presence of a conventional cracking catalyst and in the essential absence of added hydrogen and a cracked hydrocarbon product is withdrawn, and in which antimony or antimony compounds have been employed for mitigating

the detrimental effect of metals on the cracking catalyst, the resulting fines having an antimony content of about 0.4 to 10 wt %.

Comp. Specn. 21 Pages.

Drg. 1 Sheet.

CLASS 129F.

149752.

Int. Cl.-B23p 15/34.

AN ASSEMBLY OF A MILLING CUTTER HEAD AND CUTTER TOOL HOLDERS FOR A ROCK DRILLING MACHINE.

Applicant : SANDVIK AKTIEBOLAG, OF FACK S-81101, SANDVIKEN 1, SWEDEN.

Inventor : ANDERS PERSSON.

Application No. 229/Cal/78 filed March 3, 1978.

Convention date March 3, 1977 (09074/77) U. K. November 29, 1977 (49698/77) U. K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

An assembly of a milling cutter head and cutter tool holders for a rock drilling machine, the cutter tool holders each being mounted by means of a tongue and-groove connection, the groove being narrowed by a projection from one of its sides and the tongued member of the connection having opposed contact means respectively engageable with corresponding contact means of the grooved member of the connection whereby the two members can be wedgedly locked together, one of the corresponding contact means being constituted by that portion of the projection which is nearer the base of the groove.

Comp. Specn. 10 Pages.

Drg. 3 Sheets.

CLASS 126C.

149753.

Int. Cl.-G01r/04.

IMPROVEMENTS IN OR RELATING ELECTROMAGNETIC METER.

Applicant : UMEDA ELECTRONICS ENTERPRISES LABORATORY INC. OF 2/33, 2-CHOME UEHARA, SHI-BUYA-KU, TOKYO, JAPAN.

Inventor : MIKIO UMEDA.

Application No. 350/Cal/78 filed March 31, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

An electromagnetic meter having rotatably supporting a moving coil, comprising in structural combination :

a main element consisting of a unitary plastics frame which is formed of high molecular resin material having the properties of stress resistance with resilient strength, a core of circular cylindrical magnet and a tightening member consisting of a circular cylindrical magnetic yoke;

said plastics frame comprising a pair of vertical posts providing lengthwise symmetrically disposed inner arcuate grooves, the grooves having end edges which define opening gaps therebetween which are dimensionally less than the distance between the inner arcuate cramping surfaces of the grooves, the magnet which is equivalent the pole shoes fitted magnet being centrally disposed in the frame and press fitted into close engagement between the inner cramping surfaces of the grooves, the frame having symmetrical external surfaces of predetermined peripheral diameter having an axial length which cooperates with an axial length of the circular cylindrical magnetic yoke, the frame with the magnet and a moving coil mounted within it being securely tightened by said yoke, the yoke providing a resilient restoring force owing to its

own work hardened property after removal of an external deforming operation, the arrangement being such that the structural inter relation provides a magnetic field gap concentric with the magnet.

Comp. Specn. 26 Pages.

Drg. 4 Sheets.

CLASS 128G & 128K.

149754.

Int. Cl.-A61b 17/00.

NEEDLE-SUTURE COMBINATION AND METHOD OF MAKING THE SAME.

Applicant : ETHICON, INC., AT SOMERVILLE, NEW JERSEY, U.S.A.

Inventor : ARTHUR EVAN BOSS.

Application No. 565/Cal/78 filed May 25, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims.

A needle suture combination of a needle having a pointed end and a blunt end and a blind axial opening extending into the needle from the blunt end and a fluid swellable suture inserted into the axial opening and held by swaging, the diameter of the axial opening of the needle being 1.2 to 2.0 times the diameter of the suture and the needle and suture being swaged together within the boundaries extending from the blunt end of the needle to a point between the blunt end and the blind end of said axial opening whereby a segment of the top of the suture within the axial opening extending from the blind end to the swaged portion remains substantially uncompressed and the force required to pull the suture of the needle is from 3 to 26 ounces.

Comp. Specn. 20 Pages.

Drg. 1 Sheet.

CLASS 33D.

149755

Int. Cl.-B22d 37/00.

POURING TUBE CHANGING ARRANGEMENT AND A METALLURGICAL VESSEL PROVIDED WITH THE SAME.

Applicant : STOPINC AKTIENGESSELLSCHAFT, BAAR-ERSTRASSE 43, CH-6300 Zug 2/SWITZERLAND.

Inventor : ERNST MEIER, AND MULIER HANS.

Application No. 594/Cal/78 filed June 1, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims.

An arrangement for changing a pouring tube on the pouring nozzle of a metallurgical vessel, and in particular on the sliding gate nozzle of a tundish in continuous casting plant, comprising at least two pouring tube holders which can be brought alternately into engagement with the nozzle and removed again, the pouring holders being carried on carrier arms each arranged to bring its holder into the correct position to ensure that the pouring tube is in register with the nozzle, the pouring tube holders or their carrier arms or both being provided with displacing means for moving the pouring tube holder in the required direction to cause the pouring tube to engage the nozzle.

Comp. Specn. 14 Pages.

Drgs. 3 Sheets.

CLASS 130-G.

149756.

Int. Cl.-C22b 13/02.

METHOD FOR PROCESSING STORAGE-BATTERY LEAD SCRAP.

Applicant : VSESOUJNY NAUCHNO-ISSLEDOVATELSKY GORNO-METALLURGICHESKY INSTITUT TSVETNYKH METALLOV, VOSTOCHNO-KAZAKHSTANSKAYA OBLAST, UST-KAMENOGORSK, USSR.

Inventors : ANATOLY PETROVICH SYCHEV, GEORGY VLADIMIROVICH KIM, VALENTIN FEDOROVICH IARIN, GALINA DOROFEEVNA SIDOROVA, IVAN GRIGORIEVICH VIKHAREV, VYACHESLAV PETROVICH KUUR, RAUL SAIFULLOVOCH AKHMETOV, GEORGY LAVRENTIEVICH MOISEEV, VLADIMIR ILICH MASLOV, VLADIMIR GRIGORIEVICH KABACHEK AND IGOR MIKHAILOVICH CHEREDNIK.

Application No. 627/Cal/78 filed June 8, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A method for processing storage battery lead scrap, comprising the steps of :

a. crushing storage battery lead scrap; b. separating such fractions as : metallic lead parts (large-size and small-size), sulphate-oxide parts, and materials, containing organic substances with chlorine PVC and without it such as battery cases; c. the lead compounds obtained after treatment in step (b) are smelted and reduced to metallic lead; d. subjecting the metallic parts of lead separated in step (b) to smelting; characterized by that prior to smelting, the sulphate-oxide part of the scrap and the storage battery cases from said step (b) are ground and smelted in oxidizing atmosphere (technical grade oxygen, air, oxygen enriched air) at a temperature of 1300 to 1500°C until oxidizing melt is obtained and the ground material is jointly smelted with lead compounds obtained from step (b).

Comp. Specn. 18 Pages.

Drgs. Nil.

CLASS 145B & C.

149757.

Int. Cl.-D21f 3/00, D21h 1/00, 1/02.

PAPER MAKING MACHINE PRESS SECTION.

Applicant : BELOIT CORPORATION, BELOIT, WISCONSIN 53511, U.S.A.

Inventor : RICHARD ELTON JOHNSON.

Application No. 1193/Cal/78 filed November 4, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A press mechanism for pressing water from a multi layer travelling paper web in a paper making machine comprising in combination :

a first felt for receiving a multilayer wet web from a forming section; a first press nip formed between a first press roll and a second open press roll with a suction glad therein with the first felt travelling over said roll; a second press felt passing through said first nip over said first roll with the web in a double felted pressing relationship; said second felt guided away from the web substantially immediately following the first nip with the web following the first felt;

a second press nip formed between an open third press roll and said second press roll receiving said first felt; said second roll suction glad extending from a said first to said second nip for draining water into said first felt; a third felt passing through said second nip with said web in a double felted pressing relationship; a third press nip formed between said third press roll and a fourth press roll; said third press roll having a suction glad therein extending from said second to said third nip; a fourth felt passing through the third nip with the web in a double felted pressing relationship; a suction glad within the third roll extending from the second to

the third nip; and a fourth press nip formed between a fifth and a sixth press roll receiving the web sandwiched between said third and said fourth felt.

Comp. Specn. 14 Pages.

Drg. 1 Sheet.

CLASS 128A.

149758.

Int. Cl.-A61f 13/16, 13/18, 13/20.

LAYERED ABSORBENT STRUCTURE.

Applicant: JOHNSON & JOHNSON, AT 501 GEORGE STREET, NEW BRUNSWICK, NEW JERSEY, UNITED STATES OF AMERICA.

Inventor: YVON LEVESQUE.

Application No. 151/Cal/79 filed February 19, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

An absorbent structure e.g. diapers, sanitary napkins, catamenial tampons which is to be worn by a user against the body and is designed to absorb body exudates, consisting of a plurality of absorbent layers and including at least first and second adjacent absorbent layers, said first layer comprising cellulose fibers and said second layer comprising, in admixture, peat moss and finely divided ground mechanical wood pulp in a weight ratio of at least 0.35 grams of said mechanical wood pulp per gram of said peat moss; said ground wood pulp having a Canadian Standard Freeness of from 30 to 600; whereof said second layer preferentially absorbs at least twice the weight of absorbed fluid as said first layer.

Comp. Specn. 21 Pages.

Drg. 2 Sheets.

CLASS 128A.

149759.

Int. Cl.-A61f 13/16, 13/18, 13/20.

A SANITARY NAPKIN, DISPOSABLE DIAPER AND CATAMENIAL TAMPON HAVING A CORE OF ABSORBENT PRODUCT.

Applicant: JOHNSON & JOHNSON, OF 501 GEORGE STREET, NEW BRUNSWICK, NEW JERSEY, UNITED STATES OF AMERICA.

Inventor: YVON LEVESQUE.

Application No. 152/Cal/79, filed February 19, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A sanitary napkin, disposable diaper and catamenial tampon having a core of absorbent product wherein said core comprises peat moss and mechanical wood pulp, said wood pulp having a Canadian Standard Freeness of from 30—600 and present in a ratio, by weight of said mechanical wood pulp to said peat moss, of at least 0.35.

Comp. Specn. 16 Pages.

Drg. 3 Sheets.

CLASS 35A & D₂.

149760.

Int. Cl.-A01n, 9/02.

SYNERGISTIC FUNGICIDAL FORMULATIONS.

Applicant: LILLY INDUSTRIES LIMITED, OF HENRIETTA HOUSE, HENRIETTA PLACE, LONDON W.1, ENGLAND.

Inventor: JR. IRWIN FREDERICK BROWN.

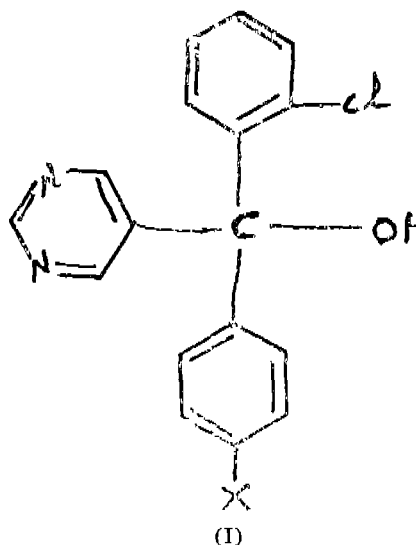
Application No. 307/Cal/79 filed March 29, 1979.

Convention date April 1, 1978/(12824/78) U.K.

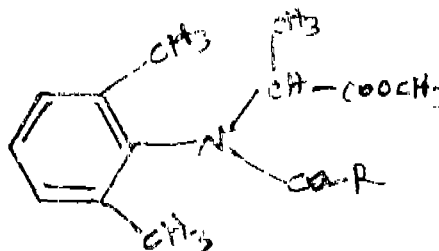
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A method of preparing a synergistic fungicidal formulation comprising admixing as first fungicidally active ingredient a pyrimidine of formula I.



where X is chlorine or fluorine with a compound of formula II.



where R is fur-2-yl or CH_2OCH_3 , as the second fungicidally active ingredient the first and second fungicidally active ingredients being admixed in the ratio range of 5:1 to 1:250 by weight.

Comp. Specn. 9 Pages.

Drg. 1 Sheet.

CLASS 29D.

149761

Int. Cl.-G06g 7/48.

SYSTEM FOR DETERMINING EXTREMA OF CONTINUOUS RANDOM PROCESSES.

Applicant: LENINGRADSKY POLITEKHNICHESKY INSTITUT, OF LENINGRAD, POLITEKHNICHESKAYA ULITSA, 29, USSR.

Inventors: VALERY IVANOVICH GUPALOV, SHAM-SADDIN JUSUFOGLY ISMAILOV, ALEXANDR DASHIEVICH KONDAKOV, BORIS MIKHAILOVICH PAVLOV, BORIS PETROVICH POBBORONOV, MIKHAIL IVANOVICH REVA AND NIKOLAI FEDOROVICH SYSOEV.

Application No. 803/Cal/79, filed August 2, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A system for determining extrema of continuous random processes, comprising an analog-to-digital converter to whose input there are applied signals corresponding to a continuous random process, a first storage intended to store the value of a converted signal and having its inputs connected to outputs of the analog-to-digital converter, a second storage intended to store the sign of the derivative of a converted signal, a comparator intended to compare the actual value of a converted signal with its stored value which is the previous value, as well as to compare the sign of the derivative of the actual and stored previous values of the same signal so as to produce information indicative of the presence of an extremum in the original signal, the comparator having its inputs connected to outputs of the analog-to-digital converter and to outputs of the first and second storages and having an information output for information to indicate the presence of a local extremum, an information output for information to indicate the type of a local extremum and an information output for information to indicate the sign of the derivative, which latter output is connected to the input of the second storage, a buffer storage... intended to store the values and types of local extrema and having its information inputs connected to the information output for information to indicate the type of a local extremum of the comparator and to outputs of the first storage, a clock pulse generator and a system control device connected to an output of the clock pulse generator and to the information output for information to indicate the presence of local extrema of the comparator, the control device being intended to control the analog-to-digital converter and the first and second storages and form a write signal to enter information on local extrema in the buffer storage, the system having a control input which controls readout from the buffer storage, information outputs which serve as information outputs of the buffer storage for readout of information on local extrema, and a control output to inhibit readout from the buffer storage.

Comp. Specn. 25 Pages.

Drg. 3 Sheets.

OPPOSITION PROCEEDINGS

(1)

The opposition entered by The Indian Plywood Manufacturing Co. Ltd. to the grant of a Patent on Application No. 144155 made by Baranagwo Jute Factory Company Ltd., notified in the Gazette of India Part-III, Section 2 dated the 9th December, 1978, has been allowed and the grant of patent on this application has been refused.

(2)

An opposition has been entered by Director General, Research, Designs and Standards Organisation to the grant of a patent on application No. 149042 made by Fraz Plasser Bahnbaumaschinen Industrial Gesellschaft M.B.H.

PATENTS SEALED

147831 148101 148586 148752 148797 148800 148890 148910
148917 148918 148920 148929 148932 148934 148935 148936
148937 148945 148948 148955 148958 148959

Amendment Proceedings Under Section 57

(1)

Notice is hereby given that Panicker Kunneeth Gopinath, of 12/36 Navjivan Co-operative Housing Society Ltd., Lamington Road, Bombay-400 008, and Dhiraj Pranjivandas Banjara, of 1/707, Gulshan Apartments, Chunilal Burfiwala Marg, (Juhu Lane), Andheri (W) Bombay-400 058, have made an application under Section 57 of the Patents Act, 1970, for amendments of their application for Patent No. 147628, for "Carbon Brides and Blocks". The amendments are by way of inclusion of the name of the co-applicant, Dhiraj Pranjivandas Banjara, the co-inventor in respect of this application. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch,

Todi Estates, Lower Parel (W) Bombay-400013, on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form-30 within three months from the date of this notification, at the Patent Office Branch, Bombay. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that the DUEWAG AKTIENGESSELLSCHAFT formerly known as WAGGONFABRIK UERDINGEN A. G., a German body corporate of D-4150 Krefeld-Uerdingen, Duisburger strasse 145, Federal Republic of Germany, have made an application under Section 57 of the Patents Act, 1970 for effecting change in their name in the application for Patent No. 148433 for "Switch for a suspended railway vehicle". The amendments are to effect the change in the name of applicants. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, Branch, Municipal Market Building, 3rd Floor, Saraswati Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office Branch, New Delhi. If written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that the Sentralinstitutt for Industriell Forskning, a Research Institute organised under the laws of Norway, of Forskningsveien, 1, Oslo 3, Norway, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their patent application No. 148818 for "A system for concentrating water wave energy". The amendments are by way of correction so as to describe the nature of the invention more clearly and precisely. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, Branch, Municipal Market Building, 3rd Floor, Saraswati Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendments may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office Branch, New Delhi. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(4)

The amendments proposed by Hindustan Lever Ltd., in respect of Patent application No. 141788 as advertised in Part III, Section 2 of the Gazette of India dated the 21st March, 1981, have been allowed.

(5)

The amendment proposed by the Saranpur Cotton Manufacturing Company Limited, in respect of Patent application No. 145431 as advertised in Part-III, Section 2 of the Gazette of India dated the 29th September, 1979, has been allowed.

(6)

The amendments proposed by Voest-Alpine Aktiengesellschaft (formerly known as Vereinigte Oesterreichische Eisen- und Stahlwerke-Alpine Montan Aktiengesellschaft) in respect of application No. 147652 as advertised Part-III, Section 2 of the Gazette of India dated the 14th February, 1981 have been allowed.

CHEMICAL LIST NO. 3

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following Patents in the field of Chemical Engineering are not being commercially worked in India as admitted by the *Patentees* in the statements filed by them under section 146(2) of the Patents Act, 1970, in respect of Calendar year 1980, generally on account of want of requests for Licences to work the Patented inventions

Persons who are interested to work the said Patents commercially may contact the *Patentees* for the grant of Licence for the Purpose.

Sl. No.	Patent No.	Date of Patent	Name and address of the Patentees	Title of the inventions
1	2	3	4	5
1.	133394	28-10-1971	AMCHEM PRODUCTS INC., Brookside Avenue, Ambler, Pennsylvania, U.S.A.	Plant growth regulation compositing.
2.	133821	01-12-1971	ETHICON INC., Somerville, New Jersey, U.S.A.	Process for obtaining sterile absorbable surgical suture.
3.	134475	02-02-1972	NORTON CO., 1 New Bond Street, Worcester, State of Massachusetts, U.S.A.	Production of fused abrasives.
4.	134882	08-03-1972	Do.	Grinding wheels having an abrasive section consisting of predominately polycrystalline diamond abrasive grains bonded in a metal matrix.
5.	138826	16-11-1973	HOECHST AG., 6230 Frankfurt/Main 80, Federal Republic of Germany.	Manufacture of polyolefin waxes.
6.	138855	31-07-1973	SOCIÉTÉ NATIONALE DES POU-DRES ET EXPLOSIFS, 12 Quai, Henri IV, 75181, Paris, Cedex 01, France	Production of particulate plasticized nitrocellulose.
7.	138862	12-12-1972	HOECHST AG., 6230 Frankfurt/Main 80, Federal Republic of Germany.	Process for the preparation of new water-soluble reactive azo-dyestuffs.
8.	138875	23-04-1974	UNION CARBIDE INDIA LTD., 1, Middleton Street, Calcutta-71, India.	A process for cyclopentadiene manufacture.
9.	138878	23-04-1974	Do.	Process for stabilising dicyclopenta diene (DCPD).
10.	138883	12-12-1972	HOECHST AG., 6230 Frankfurt/Main 80, F.R. GERMANY	Process for preparing novel water-soluble reactive azo dyestuffs
11.	138884	12-12-1972	Do	Preparation of new water soluble reactive azo dyestuffs
12.	138885	12-12-1972	Do.	Preparation of novel water soluble reactive azo dyestuffs.
13.	138896	23-04-1974	UNION CARBIDE INDIA LTD., 1, Middleton Street, Calcutta-700071, India.	A process for the conversion of cyclopentadiene (CPD) into dicyclopentadiene (DCPD).
14.	138928	15-04-1974	HINDUSTAN LEVER LTD., Hindustan Lever House, 165-166, Backbay Reclamation, Bombay-400020, India.	Cosmetic skin moisturising compositions.
15.	138971	12-02-1973	HOECHST AG., 6230 Frankfurt/Main 80, F.R. GERMANY.	Shaped articles made of thermoplastic moulding compositions on the basis of polyoxymethylene.
16.	138985	02-04-1973	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, 2200 University Avenue, Berkeley, California, U.S.A.	Preparing siliceous composition from organic plant material.
17.	139073	01-05-1974	SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V., Carel Van Bylandtlaan 30, The Hague, The Netherlands.	An atomiser and a process for the partial combustion of fuel using the atomiser.
18.	139118	27-10-1973	LONE STAR STEEL COMPANY, 2200 W. Meekins Road, One At Republic, Dallas, Texas, U.S.A.	Removal of particulate matter and acidic gases from carrier gases.

1	2	3	4	5
19.	139155	11-04-1974	GULF OIL CORPORATION, Gulf Building, 4th Avenue, and Grant Street, Pittsburgh, Pennsylvania, U.S.A.	Improved process for refining carbonaceous fuels.
20.	139182	21-11-1973	SNAMPROGETTI S. P. A., 16 Corso Venezia, Milan, Italy.	Removing vinyl aromatic hydrocarbons.
21.	139193	24-02-1973	CHEMICAL SEPARATIONS CORPORATION, 795 Oak Ridge, Turnpike, Oak Ridge State of Tennessee, U.S.A.	Continuous process for producing an ammonium nitrate containing fertilizer material.
22.	139205	18-07-1973	SNAMPROGETTI S. P. A., 16 Corso Venezia, Milan, Italy.	Process for hydrogenating diolefinic hydrocarbons to mono-olefinic hydrocarbons.
23.	139206	06-08-1973	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Production of hydrogen-rich gas from carbon monoxide and hydrogen containing gases.
24.	139208	19-03-1974	SNAMPROGETTI S. P. A., 16 Corso Venezia, Milan, Italy.	Purification of solution of Urea.
25.	139212	19-09-1974	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Production of synthesis gas.
26.	139216	28-02-1973	SNAMPROGETTI S. P. A., 16 Corso Venezia, Milan, Italy.	Process for producing aluminium chlorohydroxides.
27.	139252	22-02-1973	HINDUSTAN LEVER LTD., Hindustan Lever House, 165-166, Backbay Reclamation, Bombay-400020, India.	Washing compositions.
28.	139273	03-03-1972	SOLVAY & CIE, Rue de Prince Albert 33, B-1050, Brussels, Belgium.	Process for the stereospecific polymerisation of alphaolefins.
29.	139321	19-07-1973	HOECHST AG., 6230 Frankfurt/Main 80, F.R. GERMANY.	Process for the preparation of novel water-soluble Monoazo dyestuffs.
30.	139383	22-06-1973	UNILEVER LTD., Unilever House, Blackfriars, London, E. C. 4, England.	Preparation of a composite tea product.
31.	139427	09-03-1973	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., Carel Van Bylandtlaan 30 The Hague, The Netherlands.	Preparing improved catalysts.
32.	139432	19-11-1973	Do.	A process for the preparation of ethylene oxide.
33.	139465	20-03-1974	SNAMPROGETTI S. P. A., 16 Corso Venezia, Milan, Italy.	Process for the production of cellulose bodies and cellulose filaments incorporating enzymes.
34.	139510	13-03-1974	HINDUSTAN LEVER LIMITED, Hindustan Lever House, 165-166, Backbay Reclamation, Bombay-20, India.	Liquid laundry detergent.
35.	139511	22-11-1974	MERCK PATENT GESELLSCHAFT MIT-BESCHRANKTER-HAFTUNG, Darmstadt, Frankfurter, Strasse, 250, F. R. GERMANY.	Preparation of 2-acyl-4-oxo-pyrazino-iso-quinolines.
36.	139544	20-02-1974	NATIONAL-SOUTHWIRE ALUMINUM CO., P. O. Box 1000, Carrollton, Georgia, 30117, U.S.A.	Method and apparatus for producing metal.
37.	139579	20-06-1974	COTTON INCORPORATED, 1370 Avenue of the Americas, New York, New York 10019, U.S.A.	Process for producing cotton fiber assemblies and cotton fiber assembled produced thereby.
38.	139616	06-07-1973	SIMON-CARVES LTD., Cheshire Heath, Stockport, Cheshire, England.	Improved method and plant for the manufacture of sulphuric acid.

1	2	3	4	5
39.	139619	19-01-1974	THE GOODYEAR TIRE & RUBBER CO., 1144 East Market Street, Akron, Ohio, U.S.A.	Coagulating synthetic latices.
40.	139623	26-06-1974	RCA CORPORATION, 30 Rockefeller Plaza, New York, New York 10020, U.S.A.	A method of etching silicon oxide to produce a tapered edge thereon.
41.	139647	18-12-1973	HOECHST AG., 6230 Frankfurt/Main 80 F. R. GERMANY.	Preparing copolymers of trioxane.
42.	139656	05-09-1973	HINDUSTAN LEVER LIMITED, Hindustan Lever House, 165-166, Backbay Reclamation, Bombay-20, India.	Improved detergent compositions.
43.	139658	18-01-1973	I. C. I. LTD., Imperial Chemical House, Millbank, London, S. W. 1, England.	Method of making a catalyst precursor for the synthesis of methanol.
44.	139721	09-01-1973	HOECHST AG., 6230 Frankfurt/Main 80, F. R. GERMANY.	Process for preparing water soluble reactive dyestuffs.
45.	139722	28-02-1973	SNAMPROGETTI S. P. A., 16 Corso Venezia, Milan, Italy.	Producing the aluminium chlorohydroxides.
46.	139723	13-03-1973	Do.	Production of propylene oxide.
47.	139729	06-09-1973	I. C. I. LTD., Imperial Chemical House, Millbank, London SW-1, England.	Explosive fuse-cord and method of manufacturing the same.
48.	139737	06-02-1973	ELKEM-SPIGERVERKET A/S, Elkehuset, Middelthunsgate 27, Oslo 3, Norway.	A method of producing a silicon-rich material and an electric furnace for carrying out the said method.
49.	139782	08-04-1974	HINDUSTAN LEVER LIMITED, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-20, India.	Dentifrice.
50.	139796	26-02-1973	CIBA-GLIGY AG. Klybeckstrasse, 141 Basle, Switzerland.	Manufacture of new vat dyestuffs.
51.	139810	28-01-1976	UNION CARBIDE INDIA LTD., 1, Middleton Street, Calcutta-71, India.	Method of manufacture of para-tertiary butyl phenol.
52.	139821	02-11-1973	Hindustan Lever Limited, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400020, India.	Detergent—bars.
53.	139829	16-03-1974	UNION CARBIDE INDIA LTD., 1, Middleton Street, Calcutta-700016, India.	A process of removing sulphuric acid colour producing impurities present in acetaldehyde-2-ethyl hexanol and refining the product so obtained.
54.	139834	16-11-1973	F. L. SMITH & CO., A/S 77, Vigerslev Alle, Copenhagen Valby, Denmark.	Calcination of pulverous material and a plant for effecting the same.
55.	139841	13-04-1973	UNION CARBIDE CORPORATION, 270 Park Avenue, New York, New York 10017, U.S.A.	Process for extracting metal values from spent hydrosulfurization catalysts.
56.	139844	26-06-1973	FIERRO ESPONJA SA, Avenida, Los Angeles, Al, Oriente, Monterrey N. L. Republic of Mexico.	Method for the batchwise gaseous reduction of iron oxide ore to sponge iron.
57.	139988	26-10-1973	SOCIETE FRANCAISE D'ELECTROMETALLURGIE, 10 rue du General Foy, Paris, emc, France.	Improved process for thermal production of magnesium.
58.	140003	21-11-1973	SNAMPROGETTI S. P. A., 16 Corso Venezia, Milan, Italy.	Process for recovering aromatic hydrocarbons.
59.	140029	22-12-1973	HOECHST AG., 6230 Frankfurt/Main 80, F.R. GERMANY.	Preparing copper phthalocyanine pigments of the α -modification.
60.	140031	06-02-1974	MITSUI TOATSU CHEM. INC., No. 2-5, Kasumigaseki, 3-chome, Chiyoda-ku, Tokyo, Japan.	Method of recovering unreacted ammonium carbonate in urea synthesis.

1	2	3	4	5
61.	140052	04-05-1974	CRAWFORD BROWN MURTON, 1906 Brushfield Road, Pittsburgh, State of Pennsylvania, 15221, U.S.A.	Refining iron-base metal.
62.	140067	21-06-1973	PHILLIPS PETROLEUM CO., Bartle Sville, State of Oklahoma, U.S.A.	Process for producing carbon black.
63.	140070	05-09-1973	HALCON RESEARCH AND DE- VELOPMENT CORPORATION, Two Park Avenue, New York, New York 10016, U.S.A.	Process for preparing a catalyst compo- sition.
64.	140093	02-05-1973	THE BABCOCK & WILCOX CO., 161, East 42nd Street, New York, New York 10017, U.S.A.	A method for converting metal oxide powder into a fine grain ceramic mate- rial.
65.	140139	27-12-1974	THE WELLCOME FOUNDATION LTD., 183-193, Fuston Road, London, N.W. 1, England.	A method for the preparation of an ophthalmic or otic composition.
66.	140155	26-04-1973	UOP INC., Ten UOP Plaza-Algon- quin & Mt. Prospect Roads, Des Plai- nes, Illinois, U.S.A.	Multiple-stage production of low sulfur fuel oil.
67.	140165	22-11-1974	JOHN WYETH AND BROTHER LTD., Huntercombe Lane South, Paplow, Maidenhead, Berkshire, Eng- land.	Preparing pyridine derivatives.
68.	140167	08-10-1974	ČESKOSLOVENSKÁ AKADEMIE VĚD, No. 3, Národní, Prague 1, C. Czechoslovakia.	Manufacture of novel analogs of deam- ininosopressin with a modified disulfide bridge.
69.	140178	17-10-1973	POLYSAR LTD., Sarnia, Ontario, Canada.	Vulcanization of chlorobutyl and bro- mobutyl.
70.	140179	13-11-1973	HOECHST AG., 6230 Frankfurt/ Main 80, F.R. GERMANY.	Continuous process for preparing cop- per phthalocyanine.
71.	140212	27-12-1972	UNION CARBIDE CORPORATION, 270 Park Avenue, New York, New York 10017, U.S.A.	A process for refining molten allumi- nium.
72.	140223	21-12-1973	SNAMPROGETTI S. P. A., 16 Corso, Venezia, Milan, Italy.	Process for the production of dimethyl ether.
73.	140240	11-01-1974	Do.	Recovering isoprene from a mixture of isoprene and other hydrocar- bons.
74.	140244	10-12-1973	ELKLM-SPIGERVERKET A/S, Elke- mhuset Middlethunsgate 27, Oslo 3, Norway.	Producing an AlF ₃ containing additive.
75.	140266	01-11-1974	FIERRO ESPONJA SA., Avenida, Los Angeles, 1 Oriente, Monterrey, N.L., Republic of Mexico.	Method for gaseous reduction of metal ores.
76.	140274	18-12-1973	LINDE AKTIENGESELLSCHAFT, Hindenburgstr. 10, Wiestaden, West Ger- many.	A method and device for washing out carbon dioxide hydrogen sulphide and where necessary, carbon oxysul- phide.
77.	140296	16-01-1974	HOECHST AG., 6230 Frankfurt/ Main 80, F.R. GERMANY.	Process for the after treatment of an azopigment.
78.	140305	24-01-1973	Do.	Process for the preparation of azo pigments.
79.	140306	24-01-1973	Do.	Preparing new N-(aminobenzoyl)-amino- arylsulfonic acids.
80.	140315	17-10-1974	CRAWFORD BROWN MURTON, 1906 Brushfield Road, Pittsburgh, Penn- sylvania, 15221, U.S.A.	Method for refining pig iron into steel.
81.	140349	09-11-1973	ISHIKAWAJIMA-HARIMA ICKOGI- YO KABUSHIKI KAISHA, 2-1, 2- chome Oie-machi, Chiyodoku, Tokyo- to, Japan.	Suspension-type preheating systems for powdery raw materials.

1	2	3	4	5
82.	140360	31-01-1974	HINDUSTAN LEVER LIMITED, Hindustan Lever House, 165-166 Back-bay Reclamation, Bombay-400 020, India.	Shampoos.
83.	140366	22-01-1974	HOECHST AG., 6230 Frankfurt/Main 80, F.R. GERMANY.	Production of vinyl chloride by thermal cracking of 1, 2-dichloroethane.
84.	140379	22-12-1973	Do.	Purification of copper phthalocyanine.
85.	140421	05-11-1974	MONSANTO CO. 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	A process for preparing herbicidal carboxyalkyl esters of n-phosphonomethyl glycin and their salts.
86.	140439	28-07-1975	I C I LIMITED, Imperial Chemical House, Millbank, London SW 1, England.	Manufacture of cinnolin-3-yl carboxylic acids.
87.	140442	23-02-1973	CIBA-GIEGY AG., Klybechastarasse 141, Basle, Switzerland.	Manufacture of reactive bisazo-dyestuffs.
88.	140449	27-03-1974	HOECHST AG., 6230, Frankfurt/Main 80, F.R. GERMANY.	Preparation of mono-azo pigment.
89.	140458	04-01-1974	DR. C. OTTO & COMP. GMBH., Bochum, West Germany.	A process for converting solid fuels into liquid and gaseous fuels.
90.	140460	19-11-1974	PFIZER INC., 239 East 42nd Street, New York, New York, U.S.A.	Preparation of quinoazolines.
91.	140477	06-09-1973	JOSEPH JOHN SCHONS, 778 Drake Lane, Rivervale, State of New Jersey, U.S.A.	Preparation of liquid fuel.
92.	140487	24-01-1973	HOECHST AG., 6230 Frankfurt/Main 80, F.R. GERMANY.	Preparation of monoazo pigments.
93.	140501	23-12-1974	BRITISH STEEL CORPORATION, 33 Grosvenor, Place, London SW 1, England.	Production of metal strip from powder.
94.	140508	17-09-1973	CIBA-GIEGY AG., Klybeckstrasse 141, Basle, Switzerland.	Process for the preparation of azo compounds.
95.	140547	08-10-1973	FLKEM-SPIGERVERKET A/s, Elke-mhuset, Middlethunsgate 27, Oslo 3, Norway.	Metallurgical process for supplying a furnace charge to an electric arc furnace.
96.	140550	09-11-1973	DEGUASSA AG., 9 Weissfnauen strasse, Frankfurt (main) F.R. GERMANY.	Rubber mixtures having reinforcing additives and a method for preparing such mixture.
97.	140577	08-10-1974	THE DIRECTOR ALL INDIA INSTITUTE OF MEDICAL SCIENCES, Ansari Nagar, New Delhi-110 016, India.	A process for preparing a preparation for the treatment ichthyosis.
98.	140599	25-07-1975	JOHN WYETH & BROTHER LTD. Hunter come Lane South, Taplow, Maidenhead-Berkshire, England.	Preparing novel piperidine derivatives.
99.	140659	22-12-1973	HOECHST AG., 6230 Frankfurt/Main 80, F.R. GERMANY.	Process for the preparation of pure organic pigment.
100.	140716	29-05-1974	Do.	Polymerizing α -olefins.
101.	140727	23-11-1973	THE LUBRIZOL CORPORATION, P. O. Box, 3057, Euclid Station, Cleveland, Ohio, 44117, U.S.A.	Process for preparing basic alkali sulfonate dispersions.
102.	140730	24-03-1975	AMERICAN CYANAMID COMPANY, Wayne, New Jersey, U.S.A.	A method for the stabilization of 4-cyano-2, 2-dimethyl butyraldoxime-methyl-carbamate.
103.	140732	11-03-1975	PFIZER INC., 235 East 42nd Street, New York, New York, U.S.A.	Immobilization of microbial cells.
104.	140738	04-12-1973	HOECHST AG., 6230, Frankfurt/Main 80, F.R. GERMANY.	ONE-package polyvinylester adhesive.
105.	140747	20-03-1975	(i) JOHNSON & JOHNSON, 501, George Street, New Brunswick, New Jersey, U.S.A.	A blood filter unit.

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			(n) PUROLATOR INC., 970 New Brunswick Avenue, Rahway, New Jersey, U.S.A.	
106.	140755	28-06-1974	GULF OIL CORPORATION, Gulf Building, 7th Avenue and Grant Street, Pittsburgh, Pennsylvania, U.S.A.	A process for preparing deashed solid and liquid hydrocarbonaceous fuel.
107.	140756	28-06-1974	Do.	Preparing deashed solid and liquid hydrocarbonaceous fuel.
108.	140776	26-02-1974	SUMITOMO ALUMINIUM SMELTING CO. LTD., 15, Kitahama-5, Chome, Higashi-ku, Osaka, Japan.	Process for continuous production of aqueous basic aluminium salt solution.
109.	140780	05-10-1974	UOP INC., Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U.S.A.	Method for the hydrometallurgical recovery of nickel from a lateritic nickel ore.
110.	140782	12-12-1974	THE LUBRIZOL CORPORATION, Box 17100 Euclid station, Cleveland, Ohio 44117, U.S.A.	Process for preparing amine-containing organic compositions.
111.	140784	20-03-1975	1. JOHNSON & JOHNSON 501, George Street, New Brunswick, New Jersey, U.S.A. 2. PUROLATOR INC., 970 New Brunswick Avenue, Rahway, New Jersey, U.S.A.	Blood filtration unit.
112.	140786	19-05-1975	SNAMPROGETTI S.P.A., Corso Venezia 16, Milan, Italy.	Separating acetylenic compounds from hydrocarbon mixtures.
113.	140804	29-06-1973	UOP INC., Ten UOP Plaza-Agionquin Mt. Prospect Roads, Illinois, U.S.A.	Isoparaffin-olefin alkylation process.
114.	140810	26-09-1973	AJR PRODUCTS AND CHEMICALS INC, allentown, Pennsylvania 18105, U.S.A.	Production of synthetic natural gas from crude oil.
115.	140814	07-01-1974	THE GOODYEAR TIRE & RUBBER CO. 1144 East Market Street, Akron, Ohio, U.S.A.	Method for the preparing pigmented polyethylene terephthalate.
116.	140835	05-02-1975	CHINOIN GYOGYSZER ES VEGY-ESZETI TERMEKER GYARA RT., 1-5, 10 U. Budapest IV, Hungary.	Process for preparing new water-soluble imidazole derivatives.
117.	140836	21-02-1975	HOECHST AG., 6230 Frankfurt/Main 80 F.R. GERMANY.	Dyestuff composition for the dyeing and printing of cellulose fiber materials.
118.	140842	10-07-1975	CHINOIN GYOGYSZER ES VEGY-ESZETI TERMEKER GYARA RT, Uica, 1-5, Budapest IV, Hungary.	Preparation of N-(carbamoytoxy phenyl) carbamates.
119.	140848	24-03-1973	UBE INDUSTRIES LTD., 12-32, Nishihonmachi, 1-chome, Ube-shi, Yamaguchi-ken, Japan.	A process and a furnace for thermally cracking a liquid hydrocarbon.
120.	140854	28-11-1973	HITACHI LTD., 4, 1 chome Marunouchi, Chiyoda-ku, Tokyo, Japan.	Producing a novel thermosetting resin.
121.	140863	26-09-1974	MONSANTO CO., 800 North Lindbergh Boulevard, St Louis, Missouri 63166, U.S.A.	A continuous process for the production of ethylbenzene.
122.	140881	04-01-1974	DR. C. OTTO & COMP. GMBH., Bochum, West Germany.	A pressure reactor for producing a combustible gas.
123.	140890	01-11-1974	POLYSAR LTD. Sarnia, Ontario, Canada.	A process for the preparation of thermoplastic rubbery compositions.
124.	140891	06-11-1974	MONSANTO CO. 800 North Lindbergh, Boulevard, St. Louis, Missouri 65766, U.S.A.	Producing n-phosphonomethyl glycine triesters.
125.	140899	30-01-1975	HOECHST AG., 6230 Frankfurt/Main 80 F.R. GERMANY.	Process for printing or pactedyeing cellulose/polyester mixed fabrics.

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126.	140900	14-02-1975	CANADIAN INDUSTRIES LTD., 630 Dechestei Boulevard West, Montreal H3C 1R3 Province of Quebec, Canada.	Stabilized air bubble-containing explosive compositions and process for the manufacture thereof.
127.	140929	23-09-1974	METALLGESELLSCHAFT AG., 16 Frankfurt AM Reuterweg 14, West Germany.	Process for producing carbon monoxide from light hydrocarbons.
128.	140934	05-05-1973	HOECHST AG., 6230 Frankfurt/Main 80 F.R. GERMANY.	Preparing new water-soluble heavy metal complex dyestuffs.
129.	140948	25-11-1974	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel Van Bylandtlaan 30 The Hague, The Netherlands.	Process for the production of reducing gas.
130.	140949	11-12-1974	FRIED KRUPP HUTTENWERKE AG., 4630, Bochum, West Germany.	Apparatus for the productions of metals by a smelting metallurgical process.
131.	140959	27-09-1973	UOP INC., Ten UOP Plaza-Algonquin Mt. Prospect Roads, Illinois, U.S.A.	Manufacturing a catalyst for isomerization of hydro-carbons.
132.	140961	15-12-1973	1. SOCIETE NATIONALE DES POUDRES ET EXPLOSIFS, 12 Quai Henri, IV, 75181, Paris Cedex 04, France. 2. ANTAR PETROLES DE L'ATLANTIQUE, 4, rue Leon Jost 75017, Paris, France. 3. ANTAGAZ, 20 Rue de Washington, 75008 Paris, France.	A process and apparatus concentrating dilute solution of corrosive products such as acids by heating.
133.	140973	02-04-1975	HOECHST AG., 6230 Frankfurt/Main 80, F.R. GERMANY.	Polypropylene moulding composition and process for its preparation.
134.	140975	19-06-1975	ATLANTIC RICHFIELD CO., 515-5 Flower street, Los Angeles, State of California, U.S.A.	Production of isocyanates.
135.	140976	17-09-1975	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel Van Bylandtlaan 30, The Hague, The Netherlands.	A process for the preparation of synthesis gas.
136.	141009	05-09-1973	HOECHST AG., 6230 Frankfurt/Main 80, F.R. GERMANY.	Preparing new water-soluble reactive dyestuffs of the anthraquinone series.
137.	141010	04-09-1973	SUN RESEARCH & DEVELOPMENT CO., 1608 Walnut Street, City of Philadelphia, Commonwealth of Pennsylvania, U.S.A.	Preparing aromatic carboxylic acids.
138.	141017	19-09-1974	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel Van Bylandtlaan 30 The Hague, The Netherlands.	Process for preparation of synthesis gas.
139.	141019	13-02-1975	THE WELLCOME FOUNDATION LTD., 183-193, Euston Road, London N.W. 1, England.	Preparing a tablet of a pharmaceutical formulation.
140.	141021	19-04-1975	I.C.I. LTD., Imperial Chemical House, Millbank, London, S.W. 1P 3J.F., England.	Manufacture of morpholine derivatives.
141.	141058	22-01-1974	CIBA-GIEGY AG., Klybeckstrasse 141, Basle, Switzerland.	Process for the manufacture of new vat dyestuffs.
142.	141094	10-04-1975	THYSSEN NIEDERRHEIN AG., HUTTENUND WALZWERKE, Essener Strasse 66, 42, Oberhausen, F.R. GERMANY.	Manufacture of steel with improved toughness properties and an equipment for carrying out the same.

1	2	3	4	5
143.	141114	14-11-1973	THE LUBRIZOL CORPORATION, Box 3057 Euclid Station, Cleveland, Ohio 44117, U.S.A.	Lubricant oil compositions.
144.	141126	10-05-1974	SNAMPROGFI S.P.A., Corso Venezia, 16, Milan, Italy.	Partial oxidation of organic compounds and an apparatus thereof.
145.	141128	04-12-1974	HOECHST AG., 6230, Frankfurt/Main 80 F.R. GERMANY.	Process and device for preparing copolymers of the trioxane.
146.	141141	31-05-1973	JOHNSON & JOHNSON, 501 George Street, New Brunswick, New Jersey, U.S.A.	A method of producing a stable synthetic resin composition having an alkaline PH.
147.	141160	16-01-1974	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Gas-preparation process.
148.	141163	19-02-1975	CHINON GYOGYSZER ES GEGYCSZETI TERMKEKER GYARA RT., 1-5 to V Budapest IV, Hungary.	Preparation of novel aryloxyamine butanol derivative.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
142292 (10-06-74)	Process for isomerizing aromatic compound, particularly xylenes.
143404 (07-05-76)	Improvements in or relating to decorative anodising of aluminium and its alloys in alkaline electrolyte using alternating current.
143541 (18-10-75)	A process for preparing a printing paste for use with reactive dyes for printing textile fabrics.
143566 (31-07-76)	Improvements in or relating to decortiating, decuticling and degerming of groundnut pods.
143602 (12-12-74)	Process for the preparation of hydroxy-alkyl hydroxy aromatic condensation products.
143641 (24-09-75)	Method of processing coal channels in under ground coal gasification.

RENEWAL FEES PAID

107740	108212	108213	108343	109173	109634	109790	109844
110607	114023	114330	114714	114790	114803	114814	114856
114926	114962	115053	115111	115112	115147	115153	115300
118403	118640	119791	119935	120158	120165	120205	120216
120218	120247	120318	120336	120402	120463	120482	120506
120573	120618	121031	120132	121543	121992	122518	123778
124033	124663	124812	125525	125530	125597	125656	125691
125708	125713	125729	125746	125796	125828	125840	125841
125869	125898	125974	126095	126349	127013	128261	128919

129055	129868	129884	130439	130440	130489	130539	130554
130572	130574	130582	130590	130650	130651	130670	130671
130690	130719	130743	130781	130783	130831	131183	131404
131406	131648	131913	133878	133896	133988	134256	134605
134757	134773	134782	137487	134800	134806	134826	134827
134828	134860	134864	134879	134892	134984	135015	135043
135049	135065	135132	135180	135801	135956	136141	136712
136763	136933	137561	137822	138028	138061	138066	138489
138564	138716	138778	138872	139037	139100	139193	139202
139208	139237	139350	139361	139465	139577	139672	139723
139805	139829	140103	140343	140433	140449	140491	140524
140571	140648	140928	140929	141089	141130	141319	142127
142168	142325	142449	142504	142628	142752	142912	142923
143102	143180	143197	143273	143315	143411	143778	143802
143817	143905	144160	144206	144267	144351	144414	144423
144444	144445	144552	144760	145019	145260	145261	145355
145603	145604	145690	145895	145946	146013	146106	146135
146179	146199	146226	146303	146304	146362	146366	146392
146649	146680	146682	146778	146865	146873	146945	146948
146986	146989	147049	147051	147057	147058	147116	147135
147209	147246	147281	147316	147319	147347	147382	147428
147432	147493	147544	147553	147590	147596	147591	147704
147712	147714	147722	147729	147766	147789	147800	147825
147838	147844	147845	147855	147859	147868	147924	147931
147953	147955	147856	147960	148104	148120	148147	148171
148172	148200	148201	148203	148205	148207	148212	148222
148233	148239	148260	148268	148269	148271	148272	148277
148278	148280	148281	148283	148286	148296	148297	148308
148309	148310	148324	148326	148352	148355	148378	

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of

Patent No. 137573 granted to Flexitallic Gasket Co. Inc., for an invention relating to "method of apparatus for removing water vapour from high pressure stream lines".

The patent ceased on the 10th November, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2 dated the 13th February, 1982.

Any interested person may give notice of opposition to the restoration by leaving notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta 700017 on or before the 3rd June 1982, under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 143240 granted to John Michael Noguera for an invention relating to "ball bearing rollers for ring spinning machines".

The patent ceased on the 10th January, 1981 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2 dated the 2nd January, 1982.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 3rd June 1982 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 143869 granted to Council of Scientific & Industrial Research for an invention relating to "improvements in or relating to the electrolytic reduction of O-nitrophenol to O-aminophenol".

The patent ceased on the 17th February, 1981 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2 dated the 6th February, 1982.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta 700017 on or before the 3rd June 1982 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 144621 granted to Council of Scientific & Industrial Research for an invention relating to "five speed hub for vehicles such as bicycles".

The patent ceased on the 24th February, 1981 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2 dated the 6th February, 1982.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with

the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta 700017 on or before the 3rd June 1982 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 145379 granted to Purolator India Ltd., for an invention relating to "a seal adapted to be fitted with a filter assembly".

The patent ceased on the 3rd January, 1981 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent was notified in the Gazette of India, Part-III, Section 2 dated the 13th February, 1982.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta 700017 on or before the 3rd June 1982 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 145847 granted to Shantilal Lavjibhai Patel for an invention relating to "improvements in or relating to warp stop motion in weaving looms".

The patent ceased on the 10th December, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2 dated the 13th February, 1982.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta 700017 on or before the 3rd June 1982 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 151178. Pagleman Enterprises of 3/19A, Kirti Nagar, Industrial Area, New Delhi-110015. "Electromagnetic Power Relay". September 28, 1981.

Class. 1. No. 151194. Bhavani Electrical Industries of 18, Godown Street, Bangalore 2, Karnataka State, India. "An electric Motor casing". October 3, 1981.

Class. 1. No. 151238. Jain Associates of B-34/8, G. T. Karnal Road, Industrial Area, Delhi, a partnership firm. "Multi purpose electrical heater". October 17, 1981.

Class. 1. No. 151256. Mars Seal Private Limited of 8, Ambalal Doshi Murg, Fort, Bombay 400023, Maharashtra, India, "Seal". October 20, 1981.

Class. 3. No. 151235. D.O. Plastic Industries of 3931-Bastl Imli, Gali Barna, Sadar Bazar, New Delhi-110006, partnership firm. "Container". October 15, 1981.

Class. 3. No. 151239. Metal Box Limited, a British Company of Queens House, Forbury Road, Reading RG1 3JH, Berkshire, England. "Bottle". Priority date April 23, 1981.

Class. 3. No. 151309. British Hover Craft Corporation Limited, a British Company of Yeovil, Somerset, United Kingdom. "An air cushion vehicle". Priority date May 6, 1981.

EXTENSION OF COPYRIGHT FOR THE SECOND PERIOD OF FIVE YEARS

Nos. 144508, 143510, 143512, 145446, 145447, 144741, 149055, 144981, 145054, 145055, 145178, 144174, 146270, 145449, 144243, 144244, 145542, 144910, 145806—Class. 1.

Nos. 149359, 149358, 145990, 145271, 145070, 145461, 145460, 145058, 145048, 145049, 145349, 146335, 144312, 144806, 139111—Class. 3.

No. 145396.—Class. 4.

Nos. 145163, 145170, 145169, 149360 & 149361.—Class. 5.

EXTENSION OF COPYRIGHT FOR THE THIRD PERIOD OF FIVE YEARS

Nos. 149055, 144174, 139649, 139650, 145541, 138816, 145806.—Class. 1.

Nos. 149359 & 149358.—Class. 3.

Nos. 149360 & 149361.—Class. 5.

S. VEDARAMAN

*Controller-General of Patents Designs
and Trade Marks*